

**DIGITALLY-CONTROLLED LINE BUILD-OUT CIRCUIT**

**ABSTRACT OF THE DISCLOSURE**

A digital LBO in which digitized versions of the desired waveforms are stored in memory. A selection circuit allows the selection of certain ones of said waveforms  
5 corresponding to an anticipated amount of signal degradation over a transmission line. A digital-to-analog converter converts those certain waveforms into analog waveforms for transmission.

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